

b.) Amendments to Specification

✓
Please amend the paragraph starting at page 3, line 26 and ends at page 4, line 5 to read as follows.

The vibration of the elastic membrane 232 of the minute powder spraying means 201 depends on the positive pulsating ~~ibration~~ vibration air supplied in the pipe T. The amount of powdered material supplied via the penetrating aperture 232a to the pneumatic transport pipe T is primary determined by the vibration of the elastic membrane 232. Therefore, a fixed amount of powdered material is discharged to the pneumatic transport pipe T as long as the positive pulsating vibration air supplied to the pneumatic transport pipe T is constant.

a) [✓ Please amend the paragraph at page 28, lines 13-21 to read as follows.]

Fig. 7 is an explanatory view diagrammatically showing where the pulsating vibration air supply port 33e1 and discharge port ~~33e1~~ 33e2 are provided for the dispersion chamber 33 seen two-dimensionally. Fig. 7a is an explanatory view showing preferable positions for attaching the pulsating vibration air supply port 33e1 and discharge port 33e2 on the dispersion chamber 33, and Fig. 7b is an explanatory view showing virtual attachable positions of pulsating vibration air supply port 31e1 and discharge port 33e2 on the dispersion chamber 33.

[✓ Please amend the paragraph at page 33, lines 13-18 to read as follows.]

The pulsating vibration air conversion means 23 has a hollow chamber 26 with an air supply port 26a and an air discharge port 26b, a valve seat 27 provided in the chamber 26, a

valve plug 28 for opening and closing the valve seat ~~28~~ 27, and a rotary cam 29 for opening and closing the valve plug 28 for the valve seat 27.

✓
[Please amend the paragraph at pages 35, lines 5-12 to read as follows.]

Accordingly, the rotary roller 28b is rotated between the inside rotary cam 29a and the outside rotary cam 29b of the rotary cam 29 which are rotated at a predetermined rotational speed in such a manner that the rotary roller 28b reproducibly moves up and down according to the pattern of the rotary cam 29. As a result, the valve plug 28 opens and closes the valve seat ~~28~~ 27 according to the concavo-convex pattern formed on the rotary cam 29.

W
✓
[Please amend the paragraph at page 56, lines 23-28 to read as follows.]

Almost all of the large particles ~~is~~ are caught in the positive pulsating vibration air to be pulverized into a predetermined particle size while swirling in the lower part of the dispersion chamber 33, then ~~is~~ are discharged in the conduit T2, so that the lubricant (powder) with large particle size rarely deposits the dispersion chamber 33.

✓
[Please amend the paragraph at page 67, lines 5-12 to read as follows.]

A positive pulsating vibration air with a ~~predetermine~~ predetermined frequency (20Hz in this example) and at a fixed pressure (0.2Mpa in this example) was supplied to the dispersion chamber 33 by driving the pulsating vibration air generation means 21. The spray amount of magnesium stearate powder (Japanese Pharmacopoeia)sprayed from the tip of a

a) conduit (not shown) connected to the discharge port 33e2 of the dispersion chamber 33 was measured with time.
